



LU 6047 (US)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:)
)
Shahram Mihan)
)
Serial No.: **10/525,215**) Examiner: **P. N. Gonzalez**
)
Filed: **February 22, 2005**) Art Unit: **1621**
)
For: **MONOCYCLOPENTADIENYL**)
COMPLEXES)

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

October 11, 2006

INFORMATION DISCLOSURE STATEMENT

It is requested that the enclosed documents listed on the attached Information Disclosure Citation form PTO-1449 be considered by the Patent Examiner in connection with the above-identified application and be made of record therein. A copy of the International Search Report for this application is enclosed.

The following table shows equivalents for the listed foreign documents.

Foreign Patent	US Patent Equivalents	
DE 19630580	None	
DE 19710615	US 6,255,418	Included on PTO Form-1449
EP 742,046	US 5,808,122	Included on PTO Form-1449
WO 98/40419	None	
WO 99/06414	US 6,417,302	Included on PTO Form-1449
WO 00/05277	US 6,589,905; US 2003/0236164; US 6,812,185	Included on PTO Form-1449
WO 00/24787	US 6,160,145	Included on PTO Form-1449
WO 00/31090	US 7,053,160	Included on PTO Form-1449
WO 00/35928	US 6,756,505	Included on PTO Form-1449
WO 01/09148	US 6,784,261; US 20040214970; US 7,045,644	Included on PTO Form-1449
WO 01/12687	US 6,911,516	Included on PTO Form-1449


Independent consideration and acknowledgement of the enclosed documents are respectfully requested.

The Commissioner is hereby authorized to charge USPTO deposit account 08-2336 any payment due and to credit any overpayment thereto.

Respectfully submitted,

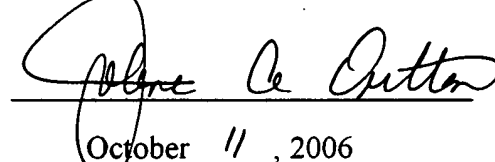
Anteo Pelliconi et al.

By: _____


Jarrod N. Raphael
Registration No. 55,566
Agent for Applicants

Enclosures
Basell USA Inc.
912 Appleton Road
Elkton, MD 21921
Agent's Telephone No.: 410-996-1750
Agent's Fax No.: 410-996-1560

I hereby certify that this correspondence is being deposited with sufficient postage thereon with the United States Postal Service as first class mail on October 11, 2006, in an envelope addressed to:
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Form PTO-1449

Document Number (optional)

LU 6047 (US)

Application Number

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Applicant

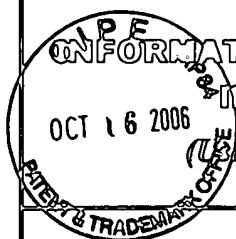
Shahram Mihan

Filing Date

February 22, 2005

GROUP ART UNIT

1621



INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

U. S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3 2 4 2 1 5 0	03/22/66	Scoggin			
	3 2 4 8 1 7 9	04/26/66	Norwood			
	3 7 0 9 8 5 3	01/09/73	Karapinka			
	4 0 1 5 0 5 9	03/29/77	Karol			
	5 5 4 7 6 7 5	08/20/96	Canich			
	5 8 0 8 1 2 2	09/15/98	Herrmann et al.			
	6 1 6 0 1 4 5	12/12/00	Wu et al.			
	6 2 5 5 4 1 8	07/03/01	Jolly et al.			
	6 4 1 7 3 0 2	07/09/02	Bohnen			
	6 4 3 7 1 6 1	08/20/02	Mihan et al.			
	6 5 8 9 9 0 5	07/08/03	Fischer et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
1	9 6 3 0 5 8 0	02/05/98	DE				
1	9 7 1 0 6 1 5	09/17/98	DE				
	0 7 4 2 0 4 6	11/13/96	EP				
	9 1 0 9 8 8 2	07/11/91	WO				
	9 6 0 0 2 4 3	01/04/96	WO				

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	K. H. Theopold et al., "Constrained Geometry Chromium Catalysts for Olefin Polymerization," <u>Organometallics</u> , Vol. 15(25), p. 5284-5286 (1996)
	P. Jutzi et al, "Cyclopentadienyl compounds with nitrogen donors in the side-chain," <u>Journal of Organometallic Chemistry</u> 500, p. 175-185 (1995)
	M. Enders et al., "8-Quinolylcyclopentadienyl, a Ligand with a Tailored Fit for Chelate Complexes," <u>Chem. Ber.</u> , Vol. 129, p. 459-463 (1996)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Shahram Miham

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1621

U. S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6 6 9 9 9 4 8	03/02/04	Mihan et al.			
	6 7 5 6 5 0 5	06/29/04	Kristen et al.			
	6 7 8 4 2 6 1	08/31/04	Schopf et al.			
	6 8 1 2 1 8 5	11/02/04	Fischer et al.			
	6 9 1 1 5 1 6	06/28/05	Mihan et al.			
	7 0 4 5 6 4 4	05/16/06	Schopf et al.			
	7 0 5 3 1 6 0	05/30/06	Bingel et al.			
2003	0 2 3 6 1 6 4	12/25/03	Fischer et al.			
2004	0 2 1 4 9 7 0	10/28/04	Schopf et al.			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	9 6 1 3 5 2 9	05/09/96	WO				
	9 7 0 4 0 1 5	02/06/97	WO				
	9 7 3 6 9 3 7	10/09/97	WO				
	9 8 2 2 4 8 6	05/28/98	WO				
	9 8 2 7 1 2 4	06/25/98	WO				


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	M. S. Blais et al., 'Pendent Aminoalkyl-Substituted Monocyclopentadienyltitanium Compounds and Their Polymerization Behavior,' <u>Organometallics</u> , Vol. 17(17), p. 3775-3783 (1998)
	T. Mise et al., "Preparation and structure of the <i>ansa</i> -molybdenocene and tungstenocene derivatives. Reaction of [O(SiMe ₂ C ₅ H ₄) ₂]MoH ₂ with methyl methacrylate to probe the olefin attacking site," <u>Journal of Organometallic Chemistry</u> , Vol. 473, p. 155-162 (1994)
	A. Döhring et al., "Donor-Ligand-Substituted Cyclopentadienylchromium (III) Complexes: A New Class of Alkene Polymerization Catalyst. 1. Amino-Substituted Systems," <u>Organometallics</u> , Vol. 19(4), p. 388-402 (2000)

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Form PTO-1449	Document Number (optional) LU 6047 (US)	Application Number 10/525,215
 <p>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</p> <p>(Use several sheets if necessary)</p>		
Applicant Shahram Mihaan		Filing Date February 22, 2005
		GROUP ART UNIT 1621

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	Translocation	
	YES	NO											
	9	8	4	0	4	1	9	09/17/98	WO				
	9	9	0	6	4	1	4	02/11/99	WO				
	0	0	0	5	2	7	7	02/03/00	WO				
	0	0	2	0	4	2	6	04/13/00	WO				
	0	0	2	4	7	8	7	05/04/00	WO				

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	B. Kirk-Othmer, "Olefin Polymers (High Pressure Polyethylene); High Pressure (Low and Intermediate Density) Polyethylene," <u>Encyclopedia of Chemical Technology</u> , Vol. 16, p. 402-420 (1981)
	R. Halterman, "Synthesis and Applications of Chiral Cyclopentadienylmetal Complexes," <u>Chem. Rev.</u> , Vol. 92(5), p. 965-994 (1992)
	S. Strauss, "The Search for Larger and More Weakly Coordinating Anions," <u>Chem. Rev.</u> , Vol. 93(3), p. 927-942 (1993)

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	0	0	3	1	0	9	0	06/02/00	WO				
	0	0	3	5	9	2	8	06/22/00	WO				
	0	1	0	9	1	4	8	02/08/01	WO				
	0	1	1	2	6	8	7	02/22/01	WO				
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	L. Resconi et al., "Selectivity in Propene Polymerization with Metallocene Catalysts," <u>Chem. Rev.</u> , Vol. 100(4), p. 1253-1345 (2000)
	L. Fieser & M. Fieser, "III. Die Steroide," <u>Lehrbuch Der Organischen Chemie</u> , Verlag Chemie, 3rd revised edition, Weinheim, p. 366-376 (1958) - includes Table of Contents
	H. Brintzinger et al., " <i>ansa</i> -Metallocene derivatives - XVII. Racemic and <i>meso</i> diastereomers of group IV metallocene derivatives with symmetrically substituted, dimethylsilanediyl-bridged ligand frameworks. Crystal structure of R, S-Me ₂ Si(3- <i>t</i> -Bu-5-MeC ₅ H ₂) ₂ ZrCl ₂ ," <u>Journal of Organometallic Chemistry</u> , Vol. 369, p. 359-370 (1989)

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[illegible]

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

	M. Enders et al., "Activation of σ - and π -Bonds by Metal Complexes with Hemilabile Quinolyl Cyclopentadienyl Ligands," Part I, Abstract D091, <u>18th Conference on Organometallic Chemistry</u> , Munich, 8/16-21/98

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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE